

## EAST Search History

## EAST Search History (Prior Art)

| Ref # | Hits | Search Query  | DBs                | Default Operator | Plurals | Time Stamp          |
|-------|------|---|--------------------|------------------|---------|---------------------|
| S1    | 1    | 10/578636.app.  | US-PGPUB;<br>USPAT | OR               | ON      | 2009/04/20<br>13:46 |
| S2    | 25   | ((("0991572") or<br>("3494113") or<br>("4159899") or<br>("4410427") or<br>("4498989") or<br>("4589983") or<br>("4704143") or<br>("5030264") or<br>("5125941") or<br>("5213596") or<br>("5494497") or<br>("5690712") or<br>("5820646") or<br>("6231630") or<br>("6299661") or<br>("6322602") or<br>("6350291") or<br>("6572667") or<br>("6598580") or<br>("6743317") or<br>("6783565") or<br>("6953124") or<br>("7004986") or<br>("d461003") or<br>("d483459"))).PN. | US-PGPUB;<br>USPAT | OR               | OFF     | 2009/04/20<br>14:47 |
| S3    | 1413 | 55/502.ccls.  | US-PGPUB;<br>USPAT | OR               | ON      | 2009/04/20<br>14:52 |
| S4    | 290  | 55/504.ccls.  | US-PGPUB;<br>USPAT | OR               | ON      | 2009/04/21<br>08:16 |
| S5    | 168  | 55/506.ccls.  | US-PGPUB;<br>USPAT | OR               | ON      | 2009/04/21<br>08:29 |
| S6    | 212  | 55/480.ccls.  | US-PGPUB;<br>USPAT | OR               | ON      | 2009/04/21<br>08:56 |
| S7    | 452  | 55/481.ccls.  | US-PGPUB;<br>USPAT | OR               | ON      | 2009/04/21<br>09:12 |
| S8    | 159  | 55/478.ccls.  | US-PGPUB;<br>USPAT | OR               | ON      | 2009/04/21<br>10:01 |
| S9    | 415  | 55/493.ccls.  | US-PGPUB;<br>USPAT | OR               | ON      | 2009/04/21<br>10:21 |

|     |      |   |                              |    |    |                     |
|-----|------|---|------------------------------|----|----|---------------------|
| S10 | 558  | 55/497.ccls.  | US-PGPUB;<br>USPAT           | OR | ON | 2009/04/21<br>10:40 |
| S11 | 1042 | 55/498.ccls.  | US-PGPUB;<br>USPAT           | OR | ON | 2009/04/21<br>10:59 |
| S12 | 1171 | 55/521.ccls.  | US-PGPUB;<br>USPAT           | OR | ON | 2009/04/21<br>12:27 |
| S13 | 0    | JP-59170669-\$.did.   | US-PGPUB;<br>USPAT;<br>JPO   | OR | ON | 2009/04/21<br>13:15 |
| S14 | 21   | ("4925469"   "5569311"  <br>"5640937"   "5649986"  <br>"5730768").PN. OR<br>("6231630").URPN.   | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON | 2009/04/21<br>13:56 |
| S15 | 120  | ("0991572"  <br>"20010003893"  <br>"20010037631"  <br>"20020116909"  <br>"20020185007"  <br>"20040173097"  <br>"20040221555"  <br>"20050022669"  <br>"3019854"   "3025963"  <br>"3209917"   "3442067"  <br>"3494113"   "3676242"  <br>"3695437"   "3740933"  <br>"3807150"   "3841953"  <br>"3849241"   "3878041"  <br>"3912631"   "4065341"  <br>"4159899"   "4236902"  <br>"4282186"   "4285909"  <br>"4310419"   "4322231"  <br>"4402830"   "4410427"  <br>"4449993"   "4498989"  <br>"4578091"   "4589983"  <br>"4617176"   "4704143"  <br>"4720292"   "4759783"  <br>"4824564"   "4925561"  <br>"4999038"   "5030264"  <br>"5049326"   "5082476"  <br>"5125941"   "5174895"  <br>"5213596"   "5238474"  <br>"5304312"   "5350515"  <br>"5415677"   "5435870"  <br>"5472463"   "5484466"  <br>"5487767"   "5494497"  <br>"5543007"   "5547480"  <br>"5582146"   "5611922"  <br>"5613992"   "5645718"  <br>"5672399"   "5683660"  <br>"5685985"   "5690712"  <br>"5714126"   "5730766" | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON | 2009/04/21<br>13:58 |

|     |      |  |                    |    |    |                     |
|-----|------|--|--------------------|----|----|---------------------|
|     |      | "5755843"   "5772883"  <br>"5792247"   "5800587"  <br>"5820646"   "5863313"  <br>"5895574"   "5897676"  <br>"5902364"   "5908480"  <br>"6048386"   "6149700"  <br>"6162271"   "6179890"  <br>"6190432"   "6217627"  <br>"6231630"   "6235195"  <br>"6264713"   "6299661"  <br>"6306192"   "6322602"  <br>"6348084"   "6348085"  <br>"6350291"   "6572667"  <br>"6585792"   "6598580"  <br>"6610117"   "6610126"  <br>"6743317"   "6780217"  <br>"6783565"   "6878190"  <br>"6953124"   "7004986"  <br>"7147685"   "D396098"  <br>"D398046"   "D416308"  <br>"D417268"   "D425189"  <br>"D461003"   "D483459").<br>PN. OR ("7396375").<br>URPN. |                    |    |    |                     |
| S17 | 1426 | S16  | US-PGPUB;<br>USPAT | OR | ON | 2009/07/11<br>12:36 |
| S16 | 1426 | 55/502.ccls.   | US-PGPUB;<br>USPAT | OR | ON | 2009/07/11<br>12:36 |
| S23 | 215  | S22  | US-PGPUB;<br>USPAT | OR | ON | 2009/07/11<br>12:40 |
| S22 | 215  | 55/480.ccls.   | US-PGPUB;<br>USPAT | OR | ON | 2009/07/11<br>12:40 |
| S21 | 172  | S20  | US-PGPUB;<br>USPAT | OR | ON | 2009/07/11<br>12:40 |
| S20 | 172  | 55/506.ccls.   | US-PGPUB;<br>USPAT | OR | ON | 2009/07/11<br>12:40 |
| S19 | 291  | S18  | US-PGPUB;<br>USPAT | OR | ON | 2009/07/11<br>12:40 |
| S18 | 291  | 55/504.ccls.   | US-PGPUB;<br>USPAT | OR | ON | 2009/07/11<br>12:40 |
| S25 | 456  | S24  | US-PGPUB;<br>USPAT | OR | ON | 2009/07/11<br>12:41 |
| S24 | 456  | 55/481.ccls.   | US-PGPUB;<br>USPAT | OR | ON | 2009/07/11<br>12:41 |
| S27 | 160  | S26  | US-PGPUB;<br>USPAT | OR | ON | 2009/07/11<br>12:46 |
| S26 | 160  | 55/478.ccls.   | US-PGPUB;<br>USPAT | OR | ON | 2009/07/11<br>12:46 |

|     |      |   |                    |    |     |                     |
|-----|------|---|--------------------|----|-----|---------------------|
| S29 | 416  | S28   | US-PGPUB;<br>USPAT | OR | ON  | 2009/07/11<br>12:47 |
| S28 | 416  | 55/493.ccls.  | US-PGPUB;<br>USPAT | OR | ON  | 2009/07/11<br>12:47 |
| S33 | 1049 | S32   | US-PGPUB;<br>USPAT | OR | ON  | 2009/07/11<br>12:48 |
| S32 | 1049 | 55/498.ccls.  | US-PGPUB;<br>USPAT | OR | ON  | 2009/07/11<br>12:48 |
| S31 | 563  | S30   | US-PGPUB;<br>USPAT | OR | ON  | 2009/07/11<br>12:48 |
| S30 | 563  | 55/497.ccls.  | US-PGPUB;<br>USPAT | OR | ON  | 2009/07/11<br>12:48 |
| S35 | 1176 | S34   | US-PGPUB;<br>USPAT | OR | ON  | 2009/07/11<br>12:50 |
| S34 | 1176 | 55/521.ccls.  | US-PGPUB;<br>USPAT | OR | ON  | 2009/07/11<br>12:50 |
| S36 | 618  | 55/385.3.ccls. and intake   | US-PGPUB;<br>USPAT | OR | ON  | 2009/07/11<br>14:37 |
| L1  | 91   | (("3019854") or<br>("3025963") or<br>("3209917") or<br>("3442067") or<br>("3494113") or<br>("3676242") or<br>("3695437") or<br>("3740933") or<br>("3807150") or<br>("3841953") or<br>("3849241") or<br>("3878041") or<br>("3912631") or<br>("4065341") or<br>("4236902") or<br>("4282186") or<br>("4285909") or<br>("4295434") or<br>("4310419") or<br>("4322231") or<br>("4449993") or<br>("4578091") or<br>("4617176") or<br>("4720292") or<br>("4759783") or<br>("4824564") or<br>("4925561") or<br>("4999038") or<br>("5049326") or<br>("5082476") or<br>("5174895") or<br>("5238474") or | US-PGPUB;<br>USPAT | OR | OFF | 2009/10/22<br>12:42 |

("5304312") or  
("5350515") or  
("5415677") or  
("5435870") or  
("5472463") or  
("5484466") or  
("5487767") or  
("5543007") or  
("5547480") or  
("5582146") or  
("5611922") or  
("5613992") or  
("5645718") or  
("5672399") or  
("5683660") or  
("5685985") or  
("5714126") or  
("5730766") or  
("5755843") or  
("5772883") or  
("d396098") or  
("5792247") or  
("5800587") or  
("5820646") or  
("d398046") or  
("5863313") or  
("5895574") or  
("5897676") or  
("5902364") or  
("5908480") or  
("d416308") or  
("d417268") or  
("d425189") or  
("6048386") or  
("6149700") or  
("6162271") or  
("6179890") or  
("6190432") or  
("6217627") or  
("6231630") or  
("6235195") or  
("6264713") or  
("6306192") or  
("6348084") or  
("6348085") or  
("6350291") or  
("6585792") or  
("6610117") or  
("6610126") or  
("6780217") or  
("6878190") or  
("7147685") or  
("20010037631") or  
("20010003893") or

|     |      |  |                    |    |     |                     |
|-----|------|--|--------------------|----|-----|---------------------|
|     |      | ("20020116909") or<br>("20020185007") or<br>("20040221555") or<br>("20040173097") or<br>("20050022669")).PN. |                    |    |     |                     |
| L2  | 1    | ("20010003893").PN.  | US-PGPUB;<br>USPAT | OR | OFF | 2009/10/22<br>12:46 |
| L4  | 1440 | L3   | US-PGPUB;<br>USPAT | OR | ON  | 2009/10/22<br>14:56 |
| L3  | 1440 | 55/502.ccls.   | US-PGPUB;<br>USPAT | OR | ON  | 2009/10/22<br>14:56 |
| L6  | 294  | L5   | US-PGPUB;<br>USPAT | OR | ON  | 2009/10/22<br>14:59 |
| L5  | 294  | 55/504.ccls.   | US-PGPUB;<br>USPAT | OR | ON  | 2009/10/22<br>14:59 |
| L8  | 174  | L7   | US-PGPUB;<br>USPAT | OR | ON  | 2009/10/22<br>15:00 |
| L7  | 174  | 55/506.ccls.   | US-PGPUB;<br>USPAT | OR | ON  | 2009/10/22<br>15:00 |
| L12 | 461  | L11  | US-PGPUB;<br>USPAT | OR | ON  | 2009/10/22<br>15:02 |
| L11 | 461  | 55/481.ccls.   | US-PGPUB;<br>USPAT | OR | ON  | 2009/10/22<br>15:02 |
| L10 | 217  | L9   | US-PGPUB;<br>USPAT | OR | ON  | 2009/10/22<br>15:02 |
| L9  | 217  | 55/480.ccls.   | US-PGPUB;<br>USPAT | OR | ON  | 2009/10/22<br>15:02 |
| L14 | 163  | L13  | US-PGPUB;<br>USPAT | OR | ON  | 2009/10/22<br>15:03 |
| L13 | 163  | 55/478.ccls.   | US-PGPUB;<br>USPAT | OR | ON  | 2009/10/22<br>15:03 |
| L16 | 422  | L15  | US-PGPUB;<br>USPAT | OR | ON  | 2009/10/22<br>15:04 |
| L15 | 422  | 55/493.ccls.   | US-PGPUB;<br>USPAT | OR | ON  | 2009/10/22<br>15:04 |
| L18 | 568  | L17  | US-PGPUB;<br>USPAT | OR | ON  | 2009/10/22<br>15:05 |
| L17 | 568  | 55/497.ccls.   | US-PGPUB;<br>USPAT | OR | ON  | 2009/10/22<br>15:05 |
| L20 | 1064 | L19  | US-PGPUB;<br>USPAT | OR | ON  | 2009/10/22<br>15:06 |
| L19 | 1064 | 55/498.ccls.   | US-PGPUB;<br>USPAT | OR | ON  | 2009/10/22<br>15:06 |
| L22 | 1187 | L21  | US-PGPUB;<br>USPAT | OR | ON  | 2009/10/22<br>15:08 |

|     |      |                           |                    |    |    |                     |
|-----|------|---------------------------|--------------------|----|----|---------------------|
| L21 | 1187 | 55/521.ccls.              | US-PGPUB;<br>USPAT | OR | ON | 2009/10/22<br>15:08 |
| L24 | 627  | L23                       | US-PGPUB;<br>USPAT | OR | ON | 2009/10/22<br>15:10 |
| L23 | 627  | 55/385.3.ccls. and intake | US-PGPUB;<br>USPAT | OR | ON | 2009/10/22<br>15:10 |
| L25 | 657  | 55/dig.5.ccls.            | US-PGPUB;<br>USPAT | OR | ON | 2009/10/22<br>15:11 |
| L26 | 606  | 95/273.ccls.              | US-PGPUB;<br>USPAT | OR | ON | 2009/10/22<br>15:40 |

### EAST Search History (I nterference)

| Ref # | Hits | Search Query  | DBs               | Default Operator | Plurals | Time Stamp       |
|-------|------|---|-------------------|------------------|---------|------------------|
| S37   | 18   | 55/480.ccls.  | US-PGPUB;<br>UPAD | OR               | ON      | 2009/07/11 13:33 |
| S38   | 32   | 55/481.ccls.  | US-PGPUB;<br>UPAD | OR               | ON      | 2009/07/11 13:36 |
| S39   | 93   | 55/521.ccls.  | US-PGPUB;<br>UPAD | OR               | ON      | 2009/07/11 13:57 |
| S40   | 149  | 55/502.ccls.  | US-PGPUB;<br>UPAD | OR               | ON      | 2009/07/11 14:14 |
| S41   | 11   | (filter and<br>housing and<br>pivot and<br>opening and<br>slide).clm. | US-PGPUB;<br>UPAD | OR               | ON      | 2009/07/11 14:36 |
| L29   | 18   | L28   | US-PGPUB;<br>UPAD | OR               | ON      | 2009/10/22 15:47 |
| L28   | 18   | 55/480.ccls.  | US-PGPUB;<br>UPAD | OR               | ON      | 2009/10/22 15:47 |
| L35   | 157  | L34   | US-PGPUB;<br>UPAD | OR               | ON      | 2009/10/22 15:48 |
| L34   | 157  | 55/502.ccls.  | US-PGPUB;<br>UPAD | OR               | ON      | 2009/10/22 15:48 |
| L33   | 95   | L32   | US-PGPUB;<br>UPAD | OR               | ON      | 2009/10/22 15:48 |
| L32   | 95   | 55/521.ccls.  | US-PGPUB;<br>UPAD | OR               | ON      | 2009/10/22 15:48 |
| L31   | 34   | L30   | US-PGPUB;<br>UPAD | OR               | ON      | 2009/10/22 15:48 |
| L30   | 34   | 55/481.ccls.  | US-PGPUB;<br>UPAD | OR               | ON      | 2009/10/22 15:48 |
| L38   | 188  | 95/273.ccls.  | US-PGPUB;<br>UPAD | OR               | ON      | 2009/10/22 15:49 |

|     |    |   |                   |    |    |                  |
|-----|----|---|-------------------|----|----|------------------|
| L37 | 11 | L36   | US-PGPUB;<br>UPAD | OR | ON | 2009/10/22 15:49 |
| L36 | 11 | (filter and<br>housing and<br>pivot and<br>opening and<br>slide).clm. | US-PGPUB;<br>UPAD | OR | ON | 2009/10/22 15:49 |

**10/ 22/ 2009 3:51:37 PM****C:\ Documents and Settings\ Rclemente\ My Documents\ EAST\ Workspaces\ 10578636.wsp**